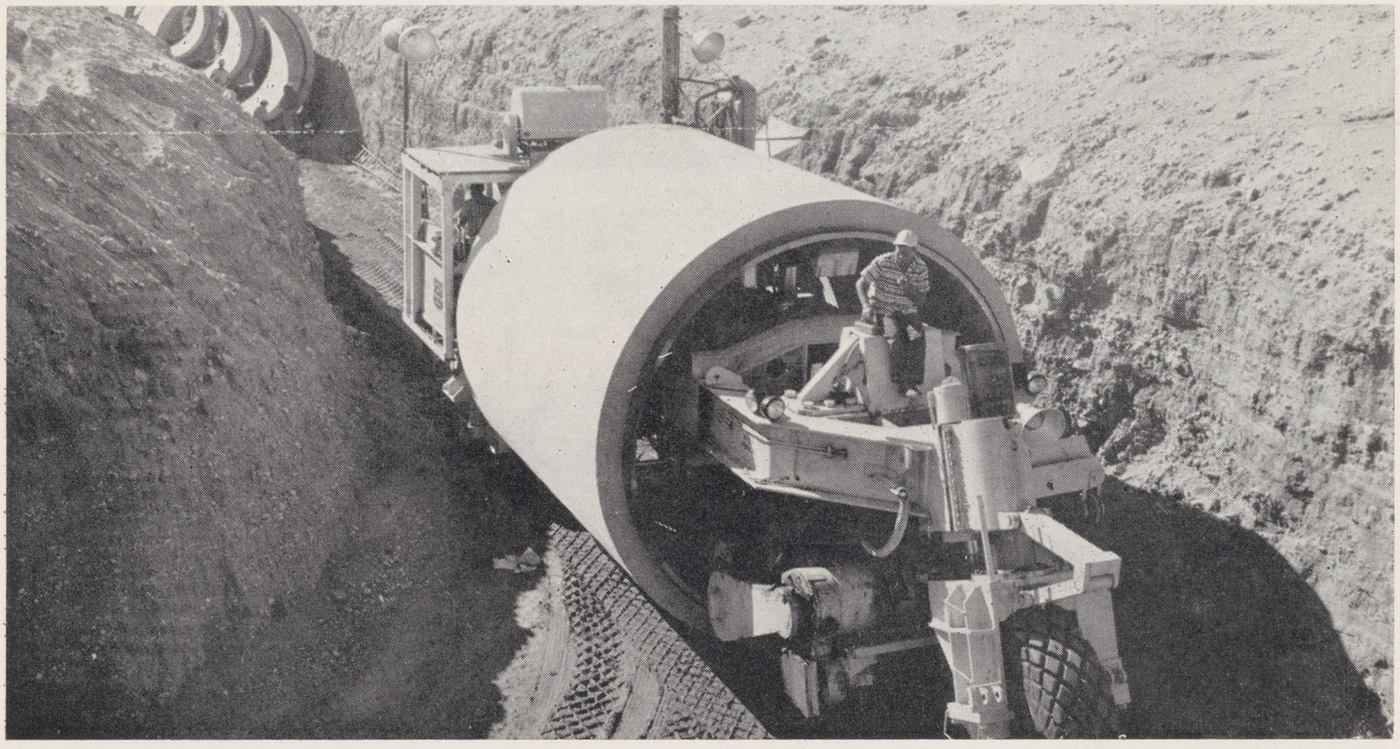
• COLORADO RIVER •

AQUEDUCT NEWS

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

VOLUME XXIV OCTOBER, 1957 NUMBER 10



Shown above is the American Pipe and Construction Company's huge "Pipemobile" placing pipe sections in the Big Morongo Siphon as the work of constructing the second barrel of siphons on the Colorado River Aqueduct moves ahead. In the background are other pipe sections waiting to be moved into place. The job of installing 47 siphons is held by the same company under two contracts. The first of these is now approximately 30 per cent complete and work is just getting under way on the other contract which is for the siphons nearest the river.

District Board Awards $12 Million Contract For Construction of Final Link of Lower Feeder

Construction of a Colorado River water delivery line large enough to supply 2,500,000 people was launched this month when the Board of Directors of the Metropolitan Water District of Southern California announced the awarding of a $12,089,596 contract for pipeline construction which will enable the District to deliver additional water to Orange County and the southern part of Los Angeles County.

Robert B. Diemer, General Manager and Chief Engineer of the District stated that construction of the new line is a part of the $200 million expansion program now being carried forward by the Metropolitan Water District to bring the Colorado River Aqueduct and the District's distribution system to their full, ultimate capacity. He explained that the new pipeline will be of welded steel construction and will extend from the Santa Ana Canyon to near the east boundary of Los Angeles County, a distance of 14.26 miles.

"The new line will have an inside diameter of 96 inches, or eight feet, and is scheduled for completion by March 31, 1959. The work is located in the cities of Brea, Fullerton and La Habra and in unincorporated territory in Or-

(Continued on Page Two)

Lake Mathews Enlargement Authorized by District Board

General Manager and Chief Engineer Robert B. Diemer has been authorized by the Board of Directors to proceed with plans and specifications for the enlargement of Lake Mathews from its present capacity of 107,000 acre feet to 182,000 acre feet.

The present capacity of Lake Mathews together with Morris Reservoir, with a capacity of 38,000 acre feet, gives the District a total present capacity of 145,000 acre feet. The enlargement of Lake Mathews will give the District a combined storage of 220,000 acre feet.

The Board previously authorized engineering studies and work.

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THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
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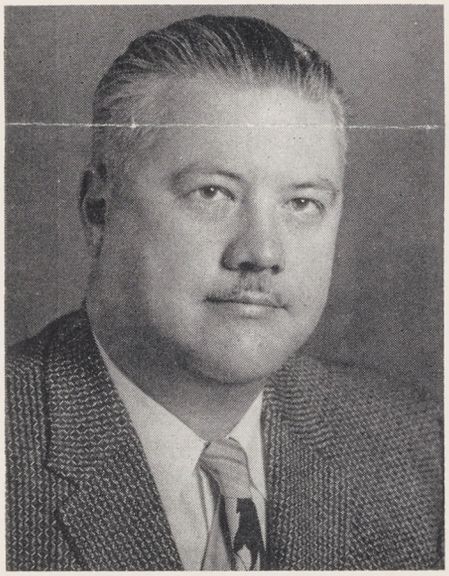


ROBERT E. GLEN

Robert E. Glen Named District Chief Accountant

Robert E. Glen has been named Chief Accountant of the Metropolitan Water District, succeeding Chester G. Olson, who has been appointed Treasurer.

Mr. Glen began working for the District as a Junior Clerk in the Accounting Division on March 3, 1947. He worked in various classifications in the Accounting Division prior to being named Chief Accountant on August 1, 1957.

He attended Los Angeles High School and Stanford University before entering the Air Force in World War II, where he served as a radio operator on transport aircraft. He is married and has one daughter.

Contract to Complete Lower Feeder Awarded

(Continued from Page One)

ange and Los Angeles counties," Mr. Diemer said.

"The new eight foot diameter water line will be a part of what is called the 'lower feeder' which extends in a westerly direction from the distribution system headworks at Lake Mathews to a point north of the Santa Ana River, about three miles east of Yorba Linda in Orange County. The new line will commence at that point and extend westerly to connect with existing facilities near the Los Angeles County line. It will be the final link in a huge water line that will serve the south coastal areas of Orange and Los Angeles counties," Mr. Diemer stated.

It was pointed out by Mr. Diemer that additional construction work and materials and engineering services furnished by the District will bring the total investment to approximately $14,750,000. Low bidder for the pipeline construction work was Morrison-Knudsen Company, Inc. and the Macco Corporation, joint venturers, who were awarded the contract.

DIRECTOR MORRIS S. JONES
5 Years on District Board

Director Morris S. Jones, who represents Pasadena on the District Board of Directors, this month was presented with his five year service pin by Board Chairman Joseph Jensen.

Mr. Jones attended Pasadena High School and the University of California at Berkeley, where he obtained a degree in Civil Engineering. He completed more than 40 years of service with the Pasadena Water Department and was Chief Engineer and General Manager from August of 1935 until his retirement.

Mr. Jones has been a member of the District Board since September 16, 1952. He is presently serving on two District Board committees, the Engineering and Operations Committee and the Land Committee.

For the RECORD

(The following items are noted from the report of General Manager and Chief Engineer Robert B. Diemer, filed October, 1957, covering District operations for September, 1957).

Colorado River — The water surface elevation at Lake Mead for the month of September rose 0.18 feet to surface elevation of 1182.52 feet on September 30, with a storage content of 21,522,000 acre-feet. This is 38.9 feet and 5,686,000 acre-feet below the Lake Mead spillway crest. The average rate of discharge from Hoover Dam was 12,740 cubic feet per second as compared with 12,640 in August.

Pumping and Power—Hayfield pumping plant delivered 48,764 acre-feet of Colorado River water in September as compared with 47,276 for the same month in 1956. Pumping was continuous on a 5-pump basis until September 5 and then reduced to a 4-pump operation for the remainder of the month except for brief intervals when the fifth pump was operated to regulate the reservoir. The District's share of Parker energy was 22,028,857 kwhrs, all of which was used in the District's system. Peak delivery to and from Edison Company was 110,000 kw and 130,000 kw.

Weymouth Softening and Filtration Plant—Colorado River water was softened from 351 to 160 ppm of hardness at an average rate of 321 cfs during September. The daily rate of flow varied from 246 to 395 cfs. A total of 18,853 acre-feet of water was treated during the month.

Construction — Progress on construction work on the distribution system was as follows: Schedules 56SC and 57SC (Middle Feeder) the contract is 92 percent complete; Schedules 58SC and 59SC (Middle Feeder) the contract is 87 percent complete; Schedules 59A-P (Middle Feeder) the contract is 87 percent complete; Schedules 62P, 63P & 64P (Culver City Lateral), the contracts are 8 percent, 16 percent and 30 percent complete, respectively.

Pumping Plant Expansion—On installation of Pumping Unit 6 the contract is 60 percent complete. The contract on Pump Delivery Line No. 3 is 25 percent complete.

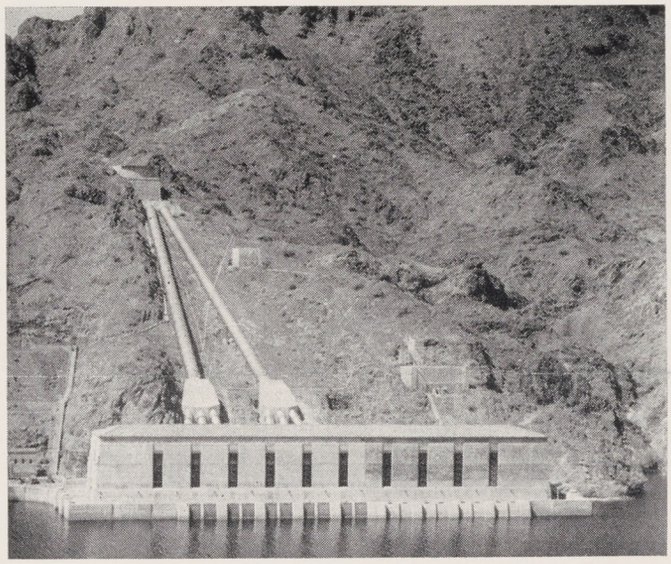
Siphon work on the main aqueduct—Earp to Whitewater—Contracts No. 669 and 672: The combined contracts are 11 percent complete.

Purchasing—Total expenditures covered by 402 purchase orders and 5 ageements were approximately $107,721.

AIR VIEWS OF PUMPING PLANTS WITH TWO DELIVERY LINES INSTALLED
THIRD DELIVERY LINE CONSTRUCTION NOW UNDER WAY

The construction of the third pump delivery line is progressing satisfactorily at all five pumping plants, according to General Manager and Chief Engineer Robert B. Diemer.

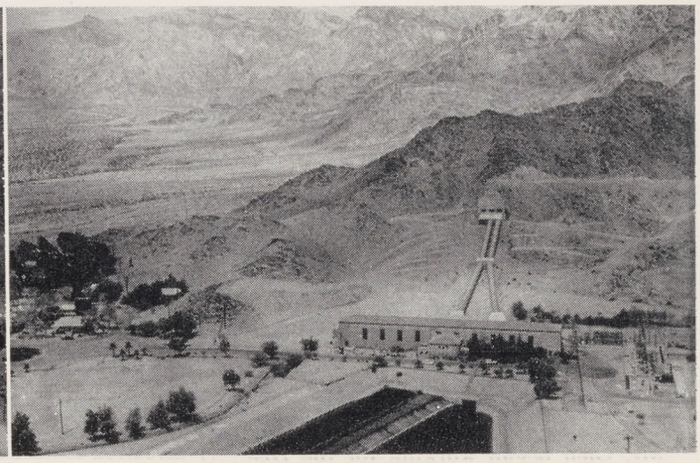
The overall job is approximately 13 per cent complete with the work in various stages of completion at each of the plants. The contract, which is held by Nicholson and Van Valkenburgh, has a completion date of January 31, 1959.



WHITSETT INTAKE PUMPING PLANT

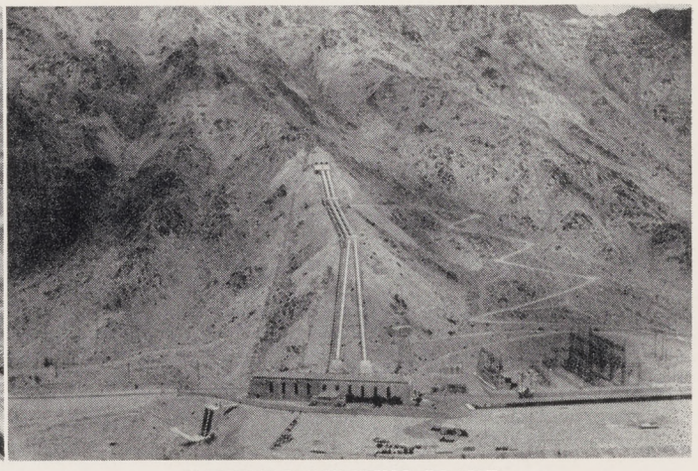
Construction of the third delivery line is part of the $200 million expansion program now being carried forward by the District, Mr. Diemer pointed out. When the expansion work is completed, the third delivery line will carry the water delivered by pumping units seven, eight and nine which are to be installed by the end of 1960 when the main aqueduct expansion is scheduled for completion.

GENE PUMPING PLANT



IRON MOUNTAIN PUMPING PLANT

EAGLE MOUNTAIN PUMPING PLANT



HAYFIELD PUMPING PLANT

NEWS FROM FIELD AND OFFICE

Ethel V. Lockhart—25 Years of Service

Ethel V. Lockhart became eligible for her 25-year service pin on October 16, 1957. She first started to work for the District on October 16, 1932, as a Stenographer in the Right of Way Division, advancing to General Clerk in December, 1935. Upon the death of George R. Le Baron in March, 1946, Mrs. Lockhart was appointed to succeed him as Right of Way Agent of the District. She has filled this position very satisfactorily. During the past 5 years of construction of new feeder lines, the acquisition of new rights of way has been very important. The members of the Land Committee have many times complimented Mrs. Lockhart on the splendid work she has done for the District in handling the affairs of the Right of Way Department.

* * *

Barrett J. Brooks, who retired from the District last November after nearly 23 years of service with the District, passed away at his home on October 23 following a series of heart attacks and a stroke.

Barrett was well liked by everyone who knew him and it was with deep regret that his many friends heard of his death. He had served in various capacities on the construction and operation of the aqueduct system. He had spent 14 years at the Softening Plant prior to his retirement and was a Headhouse Operator at that time.

He is survived by his wife, Alpha, two sons, Frank, who lives in Virginia, Jack, in San Diego, and three grandchildren.

A gala dinner party was held by a large number of District ladies on October 8 in honor of Hortense Helgesen who retired at the end of September as Treasurer of the District. The party was held in a private dining room in the Mona Lisa Restaurant and featured a delicious steak dinner followed by group singing around the piano.

Those attending included Erna Aldinger, Hattie Anderson, Ruby Barnhart, Miriam Beamer, Frieda Bonelli, Drue Brandenburg, Toni Brentwood, Darleen Campbell, Gladys Chamberlin, Esther Cooney, Viola Crutcher, Freda Dickerson, Lorrayne Doyle, Agnes Dunning, Wilma Flynn, Frances Gardner, Dorothy Goddard, Margaret Hernandez, Allene Ivy, Paulina Jacobs, Betty Killion, Sandra Laibman, Evelyn Lauricella, Ethel Lockhart, Ruth Manney, Nobu Masuda, Estelle McGee, Frances Minkin, Jean Morgan, Estelle Quick, Mary Skiba, Tatiana Tihotsky, Laureate E. White and Grace Wyatt. Former Aqueducters attending were Marjorie Megica Anderson, Irene Anderson Blomberg, Peggy Palladino and Anita Trudeau. Also present were Mrs. Marion Strauss, Hortense's sister, and Mrs. Katherine Megica.

On Hortense's last day at the office a large number of fellow employees gathered in the Board Room to bid her goodbye and General Manager and Chief Engineer Robert B. Diemer presented her with a gift from her many friends in the District.

* * *

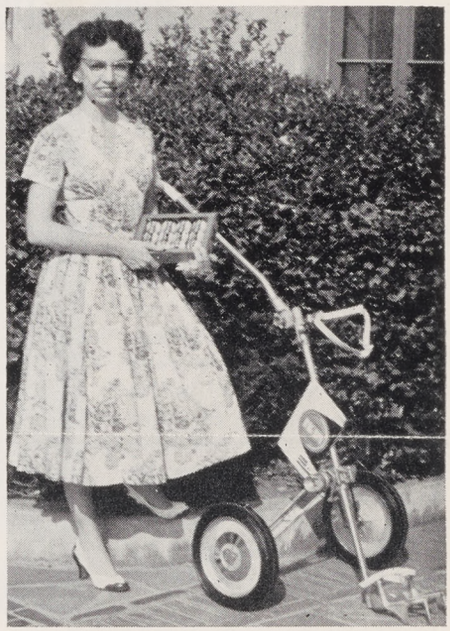
George Swanman, Senior Accountant in the Los Angeles office, recently enjoyed a week in New York as the guest of an old friend, Peter Green, a one-time "aqueducter". They flew non-stop to New York where they stayed at the New York Athletic Club. While there, George and his friend took in the first two games of the World Series, saw a show in the Latin Quarter, the Ed Sullivan Show and visited the United Nations Building.

* * *

Fred Skenandore, Junior Engineering Aide, and his wife, Ann, are the parents of a baby girl born in the Good Samaritan Hospital in Phoenix, Arizona on October 7. The young lady weighed 7 pounds, 13 ounces and is named Susan Lynette.

* * *

Katie Willard, wife of John Willard, Maintenance Mechanic, recently underwent surgery in the Needles Hospital. She is now convalescing at home and doing very well.



Inez Brooks, who resigned recently, is shown with a caddy cart and a dozen golf balls given her by her many District friends.

While Jack Brooks, U.S.N., was on sea duty during the past seven years, Inez worked at the Softening and Filtration Plant, first as a Telephone Operator and more recently as a Utility Clerk, assisting with all the plant and field pay roll work. Inez was always willing to do more than her share in extra work activities as well, serving as President of Group III of the Employees Association, representing the group on the Credit Union Board, and assisting in all District parties and other functions. Now that Jack is to be assigned to shore duty, Inez has resigned from the District and moved to San Diego to be near him. On September 10 her District friends presented her with a caddy-cart and a dozen golf balls to help her enjoy her leisure time on the links.

* * *

On Friday, October 11, the Eagle Mountain square dance enthusiasts hosted the "Merry Miners" square dance group from the Kaiser Mine at the Eagle Mountain Community Center. Everyone had such a good time that it is planned to make the dances a regular affair.

* * *

Johnny Kamplain, Junior Inspector, and his wife, Betty, became parents for the second time with the arrival of Patricia Jo at St. Jude Hospital in Fullerton on October 2. The young lady weighed 5 pounds, 15 ounces upon arrival.